

California Water Balance

Water Use and Distribution of Dedicated Supplies

(Million Acre-Feet)

| | 1998 | | | 2000 | | | 2001 | | |
|---|-------------------|---------------|-------------|-------------------|---------------|-------------|-------------------|---------------|-------------|
| | Applied Water Use | Net Water Use | Depletion | Applied Water Use | Net Water Use | Depletion | Applied Water Use | Net Water Use | Depletion |
| WATER USE | | | | | | | | | |
| Urban | | | | | | | | | |
| Large Landscape | 0.6 | | | 0.7 | | | 0.6 | | |
| Commercial | 1.3 | | | 1.6 | | | 1.6 | | |
| Industrial | 0.5 | | | 0.6 | | | 0.6 | | |
| Energy Production | 0.1 | | | 0.1 | | | 0.1 | | |
| Residential - Interior | 2.9 | | | 3.3 | | | 3.1 | | |
| Residential - Exterior | 2.0 | | | 2.3 | | | 2.3 | | |
| Evapotranspiration of Applied Water | | 2.3 | 2.3 | | 2.7 | 2.7 | | 2.6 | 2.6 |
| E&ET and Deep Perc to Salt Sink | | 0.6 | 0.6 | | 0.7 | 0.7 | | 0.7 | 0.7 |
| Outflow | | 3.1 | 3.1 | | 3.6 | 3.6 | | 3.5 | 3.5 |
| Conveyance Applied Water | 0.2 | | | 0.2 | | | 0.2 | | |
| Conveyance Evaporation & ETAW | | 0.2 | 0.2 | | 0.2 | 0.2 | | 0.2 | 0.2 |
| Conveyance Deep Perc to Salt Sink | | 0.0 | 0.0 | | 0.0 | 0.0 | | 0.0 | 0.0 |
| Conveyance Outflow | | 0.0 | 0.0 | | 0.0 | 0.0 | | 0.0 | 0.0 |
| GW Recharge Applied Water | 0.2 | | | 0.1 | | | 0.0 | | |
| GW Recharge Evap + Evapotranspiration | | 0.0 | 0.0 | | 0.0 | 0.0 | | 0.0 | 0.0 |
| Total Urban Use | 7.8 | 6.3 | 6.3 | 8.9 | 7.2 | 7.2 | 8.6 | 7.0 | 7.0 |
| Agriculture | | | | | | | | | |
| On-Farm Applied Water | 24.1 | | | 31.1 | | | 31.2 | | |
| Evapotranspiration of Applied Water | | 16.8 | 16.8 | | 21.6 | 21.6 | | 21.8 | 21.8 |
| E&ET and Deep Perc to Salt Sink | | 0.8 | 0.8 | | 0.8 | 0.8 | | 0.8 | 0.8 |
| Outflow | | 3.7 | 1.5 | | 4.0 | 1.8 | | 4.0 | 2.1 |
| Conveyance Applied Water | 2.1 | | | 2.4 | | | 2.2 | | |
| Conveyance Evaporation & ETAW | | 0.7 | 0.7 | | 0.9 | 0.9 | | 0.8 | 0.8 |
| Conveyance Deep Perc to Salt Sink | | 0.2 | 0.2 | | 0.2 | 0.2 | | 0.2 | 0.2 |
| Conveyance Outflow | | 0.3 | 0.3 | | 0.4 | 0.3 | | 0.4 | 0.3 |
| GW Recharge Applied Water | 1.1 | | | 0.7 | | | 0.3 | | |
| GW Recharge Evap + Evapotranspiration | | 0.0 | 0.0 | | 0.0 | 0.0 | | 0.0 | 0.0 |
| Total Agricultural Use | 27.3 | 22.6 | 20.4 | 34.2 | 27.8 | 25.6 | 33.7 | 27.9 | 26.0 |
| Environmental | | | | | | | | | |
| Instream | | | | | | | | | |
| Applied Water | 6.9 | | | 7.5 | | | 6.8 | | |
| Outflow | | 2.2 | 2.2 | | 2.1 | 2.1 | | 2.2 | 2.2 |
| Wild & Scenic | | | | | | | | | |
| Applied Water | 41.6 | | | 23.1 | | | 9.8 | | |
| Outflow | | 32.1 | 32.1 | | 18.2 | 18.2 | | 6.9 | 6.9 |
| Required Delta Outflow | | | | | | | | | |
| Applied Water | 9.5 | | | 7.2 | | | 4.5 | | |
| Outflow | | 9.5 | 9.5 | | 7.2 | 7.2 | | 4.5 | 4.5 |
| Managed Wetlands | | | | | | | | | |
| Habitat Applied Water | 1.4 | | | 1.5 | | | 1.3 | | |
| Evapotranspiration of Applied Water | | 0.5 | 0.5 | | 0.6 | 0.6 | | 0.6 | 0.6 |
| E&ET and Deep Perc to Salt Sink | | 0.0 | 0.0 | | 0.0 | 0.0 | | 0.0 | 0.0 |
| Outflow | | 0.5 | 0.3 | | 0.4 | 0.3 | | 0.4 | 0.3 |
| Conveyance Applied Water | 0.0 | | | 0.0 | | | 0.0 | | |
| Conveyance Evaporation & ETAW | | 0.0 | 0.0 | | 0.0 | 0.0 | | 0.0 | 0.0 |
| Conveyance Deep Perc to Salt Sink | | 0.0 | 0.0 | | 0.0 | 0.0 | | 0.0 | 0.0 |
| Conveyance Outflow | | 0.0 | 0.0 | | 0.0 | 0.0 | | 0.0 | 0.0 |
| Total Managed Wetlands Use | 1.4 | 1.0 | 0.8 | 1.5 | 1.1 | 1.0 | 1.3 | 1.0 | 0.9 |
| Total Environmental Use | 59.4 | 44.8 | 44.7 | 39.4 | 28.7 | 28.5 | 22.5 | 14.7 | 14.5 |
| TOTAL USE AND OUTFLOW | 94.5 | 73.8 | 71.4 | 82.5 | 63.6 | 61.3 | 64.8 | 49.7 | 47.5 |
| DEDICATED WATER SUPPLIES | | | | | | | | | |
| Surface Water | | | | | | | | | |
| Local Deliveries | 22.5 | 22.5 | 21.1 | 19.8 | 19.5 | 18.2 | 15.3 | 15.3 | 14.3 |
| Local Imported Deliveries | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| Colorado River Deliveries | 5.0 | 5.0 | 4.7 | 5.3 | 5.3 | 5.0 | 5.2 | 5.2 | 4.8 |
| CVP Base and Project Deliveries | 5.3 | 5.3 | 4.9 | 6.7 | 6.7 | 6.3 | 6.1 | 6.1 | 5.7 |
| Other Federal Deliveries | 0.7 | 0.7 | 0.6 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.6 |
| SWP Deliveries | 2.1 | 2.1 | 2.0 | 3.6 | 3.6 | 3.4 | 2.1 | 2.1 | 1.9 |
| Required Environmental Instream Flow | 32.4 | 32.4 | 32.4 | 18.7 | 18.7 | 18.7 | 8.0 | 8.0 | 8.0 |
| Groundwater Net Withdrawal | 4.4 | 4.4 | 4.4 | 7.8 | 7.8 | 7.8 | 11.0 | 11.0 | 11.0 |
| Deep Percolation of Surface and GW | 5.6 | | | 7.0 | | | 6.7 | | |
| Reuse/Recycle | | | | | | | | | |
| Reuse Surface Water | 15.1 | | | 11.5 | | | 8.5 | | |
| Recycled Water | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| TOTAL SUPPLIES | 94.5 | 73.8 | 71.4 | 82.5 | 63.6 | 61.3 | 64.8 | 49.7 | 47.5 |
| <i>Balance = Use - Supplies</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> |